

12/17/01

A

10/26/01
JC928 U.S. PTO

J1050 U.S. PTO
10/016793
10/26/01

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

**PATENT APPLICATION
TRANSMITTAL LETTER
UNDER 37 C.F.R. 1.53(b)**

ATTORNEY DOCKET NO.:
2207/12116

Assistant Commissioner
for Patents
Washington D.C. 20231
Box Patent Application

Transmitted herewith for filing is a patent application.

Inventor(s): **Raj NAIR, Johanna SWAN, Bala NATARAJAN, and MARK BOHR**

For: **SILICON INTERPOSER-BASED HYBRID VOLTAGE
REGULATOR SYSTEM FOR VLSI DEVICES**

Enclosed are:

1. 7 sheet(s) of specification, 4 sheet(s) of claims, and 1 sheet of abstract.
2. 4 sheet(s) of drawings.
3. An Information Disclosure Statement along with an accompanying PTO-1449 form.
4. The filing fee has been calculated as shown below:

	NUMBER FILED	NUMBER EXTRA*	RATE (\$)	FEE (\$)
BASIC FEE				740.00
TOTAL CLAIMS	20 - 20 =	0	18.00	0.00
INDEPENDENT CLAIMS	4 - 3 =	1	84.00	84.00
MULTIPLE DEPENDENT CLAIM PRESENT			280.00	0
*Number extra must be zero or larger			TOTAL	824.00
If the applicant is a small entity under 37 C.F.R. §§ 1.9 and 1.27, then divide total fee by 2, and enter amount here.			SMALL ENTITY TOTAL	

5. Please charge the required application filing fee of **\$824.00** to the deposit account of **Kenyon & Kenyon**, deposit account number **11-0600**.

5. The Commissioner is hereby authorized to charge payment of the following fees, associated with this communication or arising during the pendency of this application, or to credit any overpayment, to the deposit account of **Kenyon & Kenyon**, deposit account number **11-0600**:

- A. Any additional filing fees required under 37 C.F.R. § 1.16;
- B. Any additional patent application processing fees under 37 C.F.R. § 1.17;
- C. Any additional document supply fees under 37 C.F.R. § 1.19;
- D. Any additional post-patent processing fees under 37 C.F.R. § 1.20; or
- E. Any additional miscellaneous fees under 37 C.F.R. § 1.21.

6. A duplicate copy of this letter is enclosed for that purpose.

Respectfully submitted,

Dated: 10/26/01

By: Howard I. Grossman
Howard I. Grossman
Reg. No. 48,673

KENYON & KENYON Customer No. 26646
One Broadway
New York, New York 10004
(212) 425-7200 (telephone)
(212) 425-5288 (facsimile)

EXPRESS MAIL CERTIFICATE

"EXPRESS MAIL" MAILING LABEL NUMBER EL234411005US

DATE OF DEPOSIT 10/26/01

TYPE OF DOCUMENT Patent Application
FOR NARADAP

SERIAL NO. To be Assigned FILING DATE Herewith

I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE, BY BEING HANDED TO A POSTAL CLERK OR BY BEING PLACED IN THE EXPRESS MAIL BOX BEFORE THE POSTED DATE OF THE LAST PICK UP, AND IS ADDRESSED TO THE ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.

Mirav Soroka
(PRINTED NAME OF PERSON MAILING PAPER OR FEE)

mea Shof
(SIGNATURE OF PERSON MAILING PAPER OR FEE)

Silicon interposer-based
hybrid voltage regulator
system for VLSI devices